

Title: Devices and Methods of Detecting Movement Between Media and Probe
Tip in a Probe Data Storage System

Application No.: 09/465,592 Attorney: Michael Robbins
Inventors: Culver et al. Docket No.: NANO-01000US0

Filing date: Dec. 17, 1999 REPLACEMENT SHEET

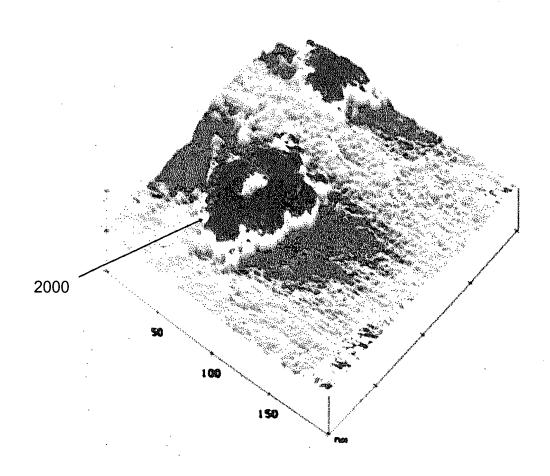


Figure 20

Title: Devices and Methods of Detecting Movement Between Media and Probe
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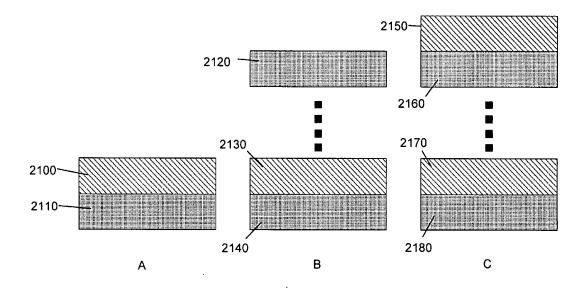


Figure 21

Tip in a Probe Data Storage System

Application No.: 09/465,592

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REPLACEMENT SHEET Filing date: Dec. 17, 1999

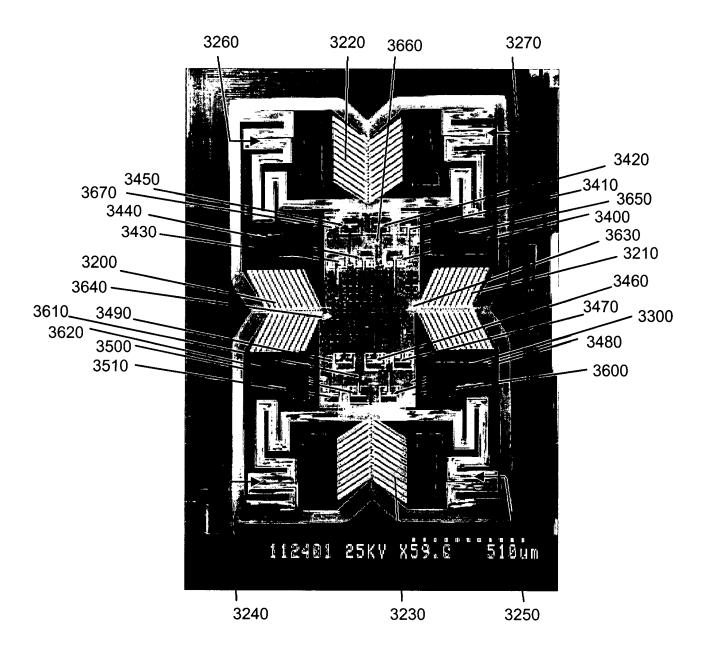


Figure 30

Tip in a Probe Data Storage System
Application No.: 09/465,592
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Attorney: Michael Robbins

Docket No.: NANO-01000US0

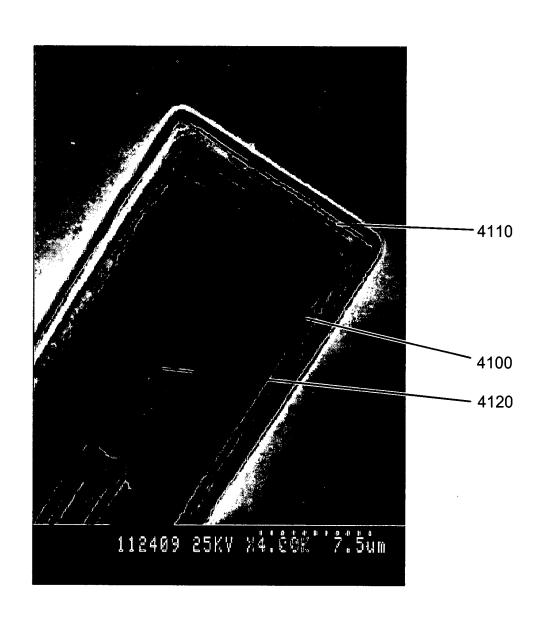


Figure 31

Title: Devices and Methods of Detecting Movement Between Media and Probe Tip in a Probe Data Storage System

Application No.: 09/465,592

Attorney: Michael Robbins

NANO-01000US0 Docket No.:

Inventors: Culver et al. Filing date: Dec. 1 Dec. 17, 1999 REPLACEMENT SHEET

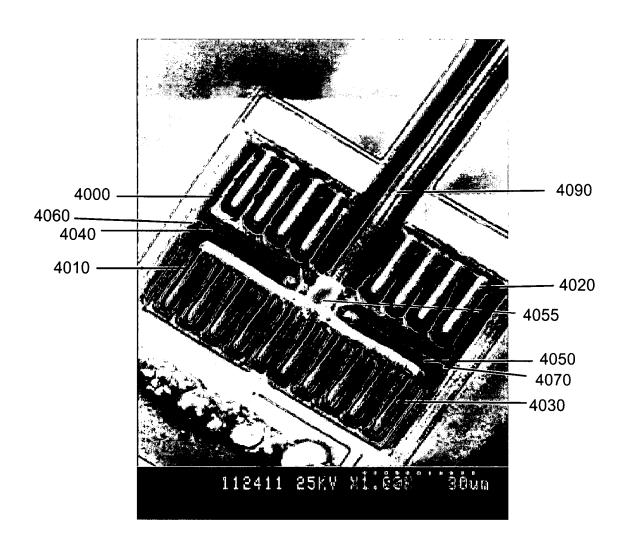


Figure 32

Tip in a Probe Data Storage System

Application No.: 09/465,592

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Dec. 17, 1999

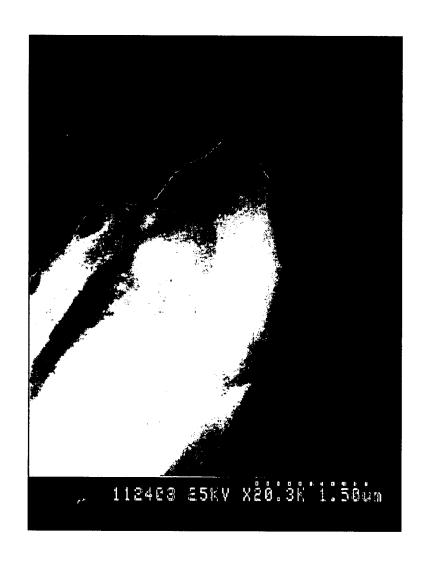


Figure 33

Tip in a Probe Data Storage System
Application No.: 09/465,592
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Filing date:

Dec. 17, 1999

NANO-01000US0

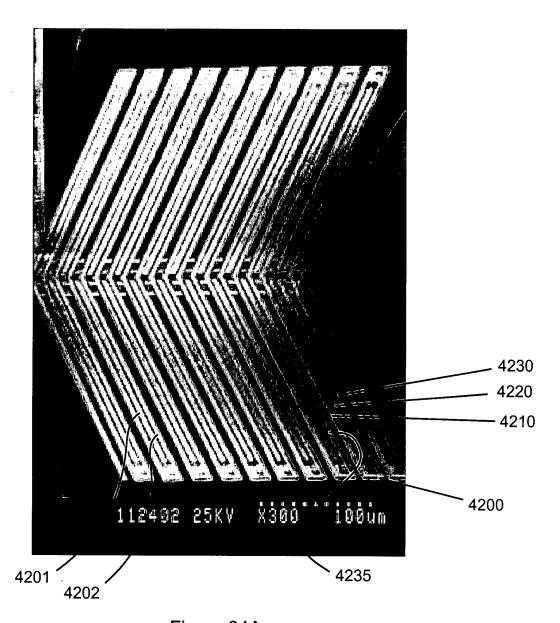


Figure 34A

Tip in a Probe Data Storage System Application No.: 09/465,592

Attorney: Michael Robbins Inventors: Culver et al. Docket No.: NANO-01000US0

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Dec. 17, 1999

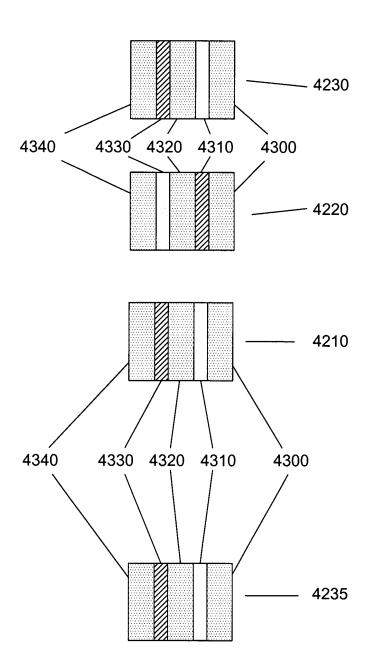


Figure 34B

Tip in a Probe Data Storage System
Application No.: 09/465,592
Inventors: Culver et al.
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Attorney: Michael Robbins

Docket No.: NANO-01000US0

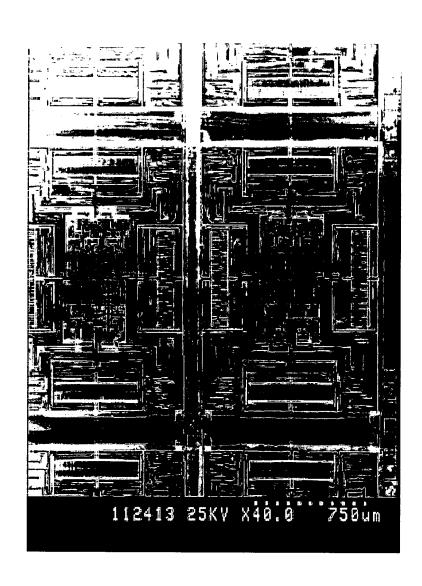


Figure 35

Attorney: Michael Robbins

Tip in a Probe Data Storage System Application No.: 09/465,592

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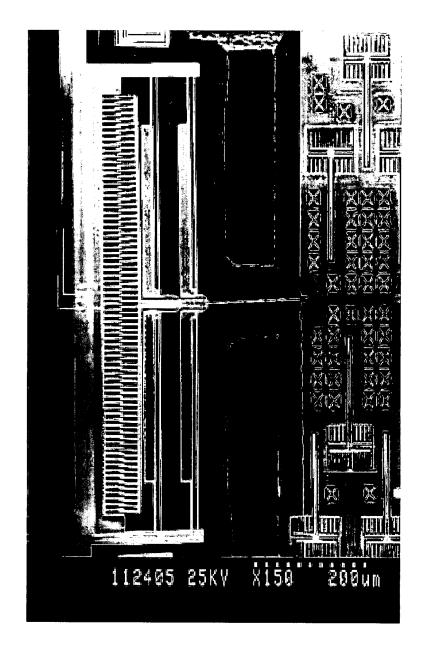


Figure 36

Tip in a Probe Data Storage System

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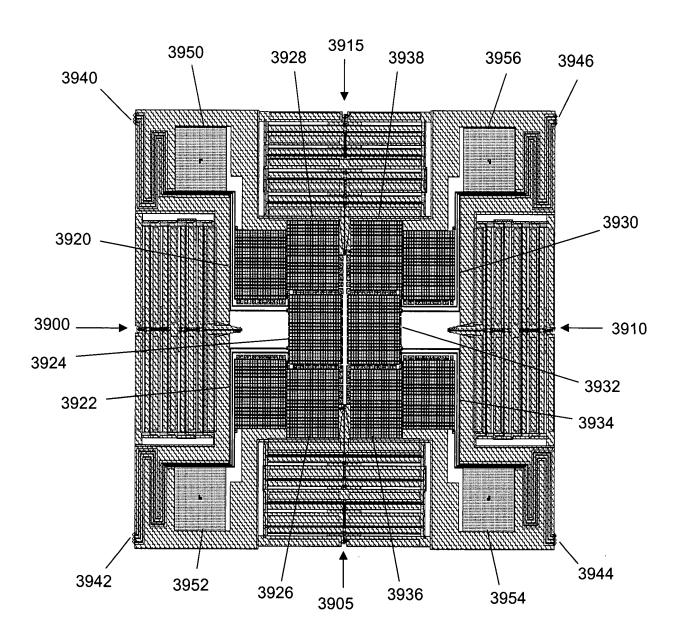


Figure 39

Tip in a Probe Data Storage System
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Dec. 17, 1999

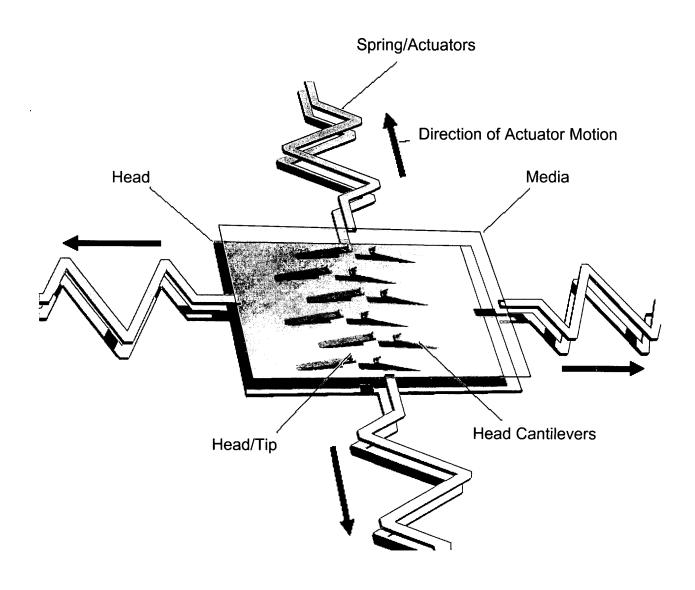
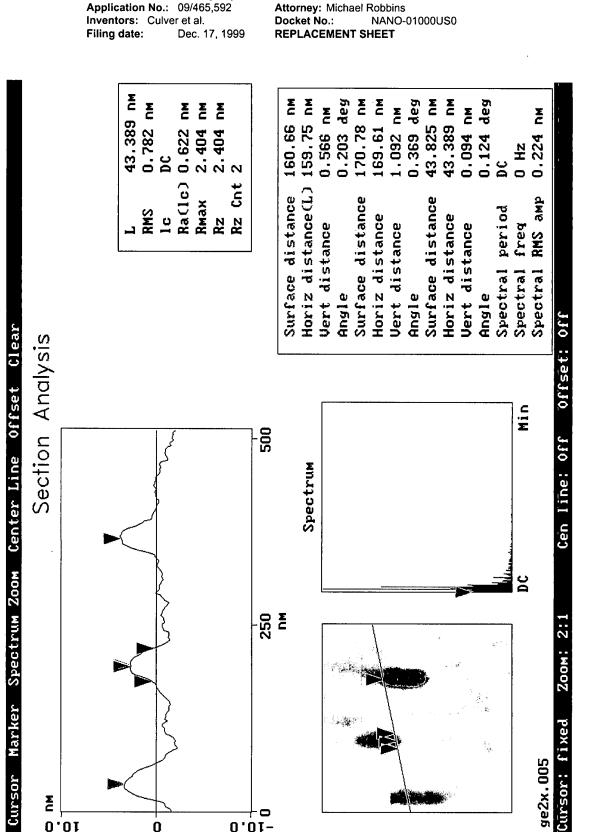


Figure 41



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Devices and Methods of Detecting Movement Between Media and Probe

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Figure 42A

Tip in a Probe Data Storage System

Application No.: 09/465,592

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Docket No.: NANO-01000US0

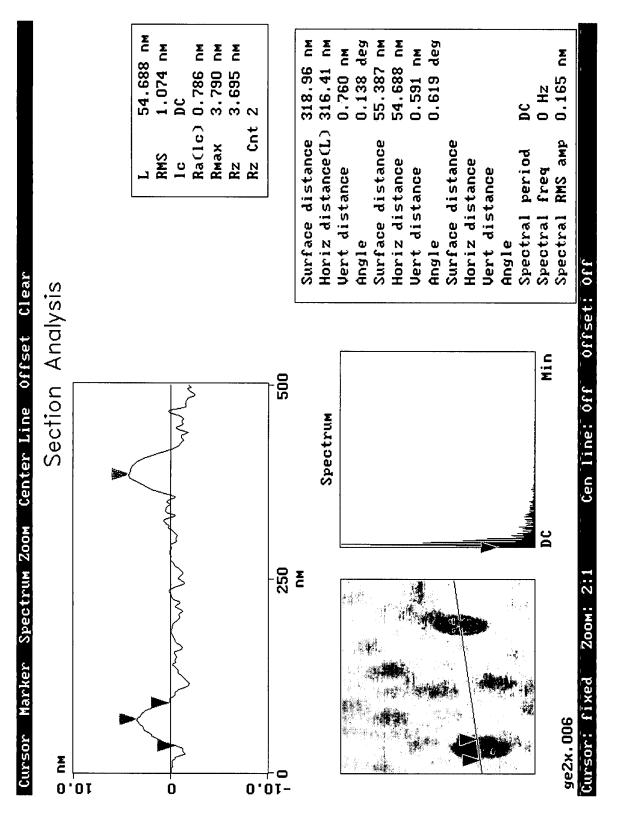


Figure 42B

Tip in a Probe Data Storage System

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Attorney: Michael Robbins

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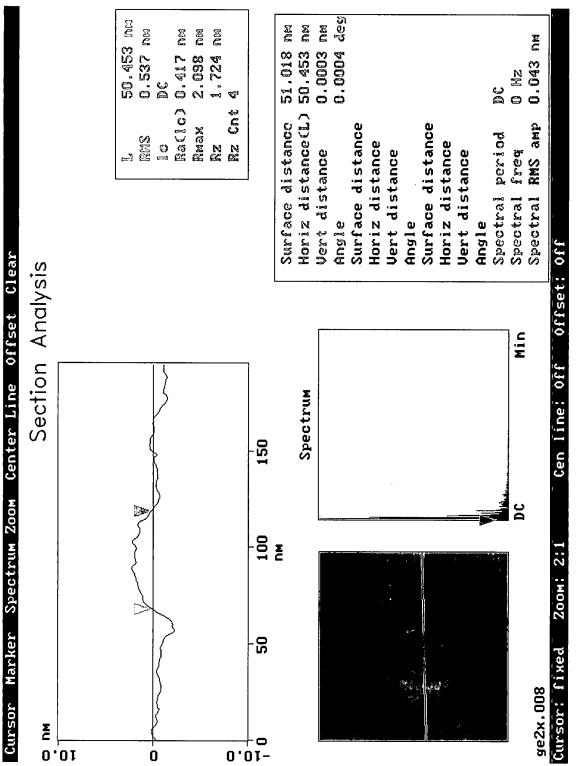
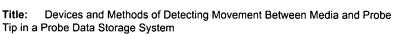


Figure 42C



Application No.: 09/465,592

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Dec. 17, 1999

Attorney: Michael Robbins NANO-01000US0

Docket No.:

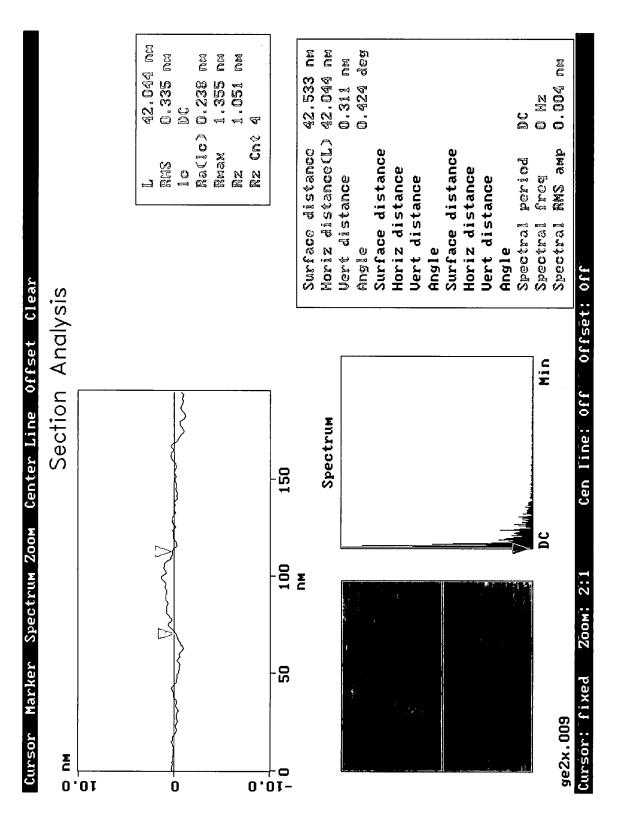
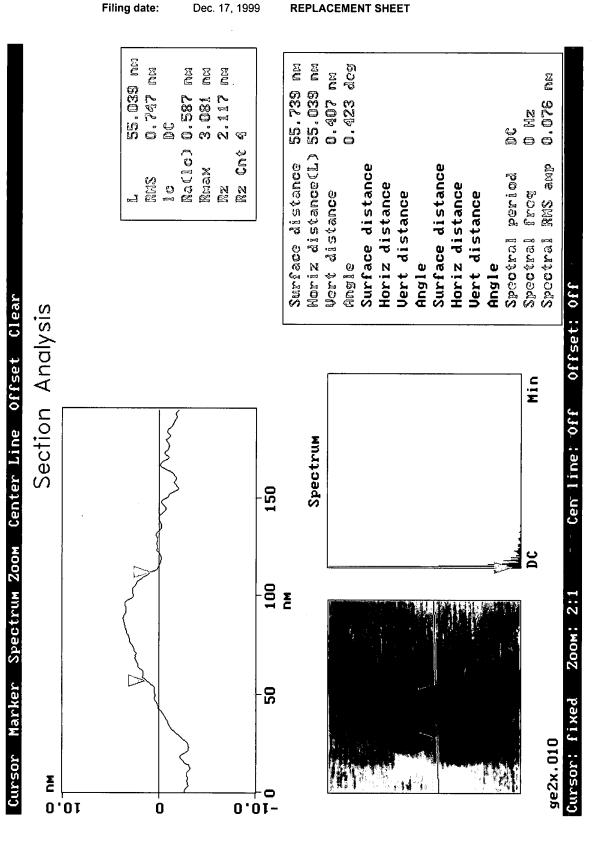


Figure 42D



Docket No.:

Attorney: Michael Robbins

NANO-01000US0

Tip in a Probe Data Storage System **Application No.:** 09/465,592

Inventors: Culver et al.

Figure 42E

Tip in a Probe Data Storage System

Application No.: 09/465,592

Attorney: Michael Robbins Inventors: Culver et al. Docket No.: NANO-01000US0

Filing date: Dec. 17, 1999

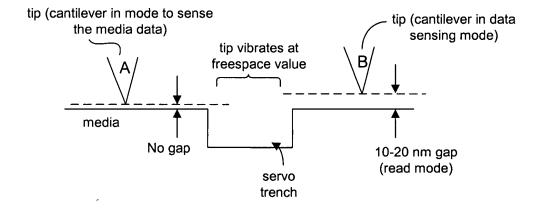


Figure 44

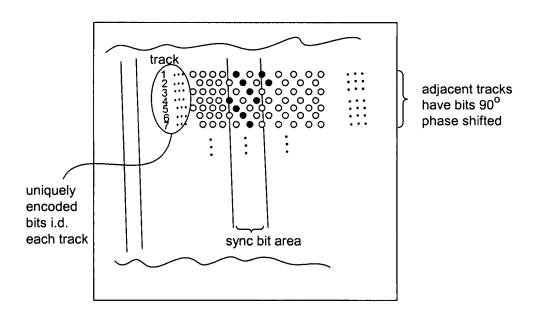


Figure 43

Tip in a Probe Data Storage System

Application No.: 09/465,592

Attorney: Michael Robbins NANO-01000US0 Inventors: Culver et al. Docket No.:

Filing date: Dec. 17, 1999 REPLACEMENT SHEET

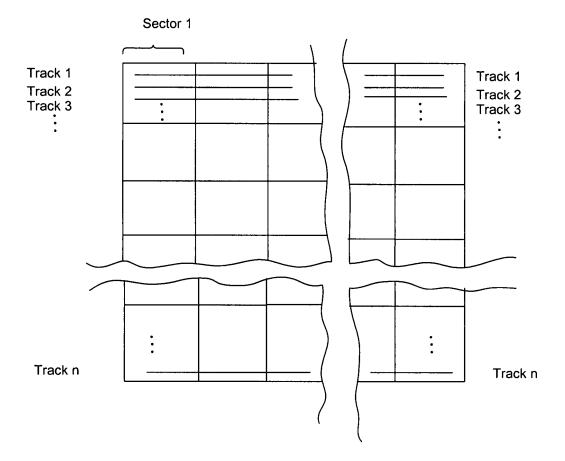


Figure 45

Tip in a Probe Data Storage System

Application No.: 09/465,592

Inventors: Culver et al. Dec. 17, 1999 Filing date:

Attorney: Michael Robbins

Docket No.: NANO-01000US0

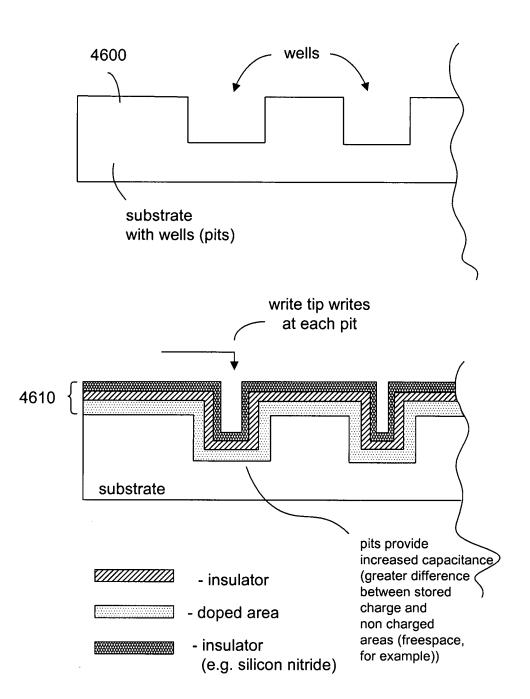


Figure 46

Tip in a Probe Data Storage System

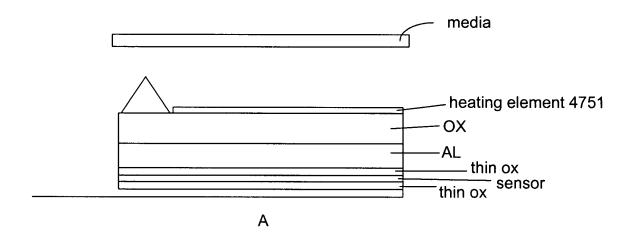
Application No.: 09/465,592

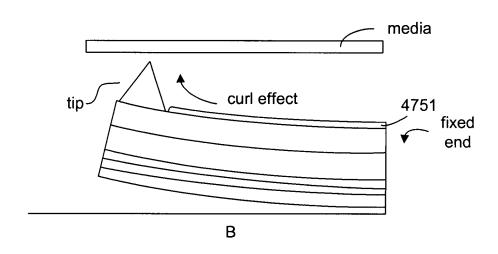
Attorney: Michael Robbins

Inventors: Culver et al.

NANO-01000US0 Docket No.:

Filing date: Dec. 17, 1999





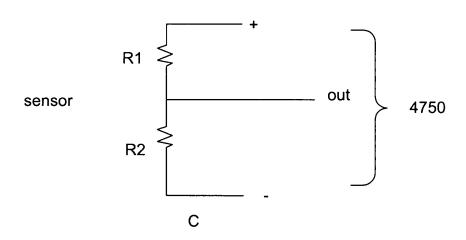


Figure 47

Tip in a Probe Data Storage System

Application No.: 09/465,592

Inventors: Culver et al. Filing date:

Dec. 17, 1999

4860

Attorney: Michael Robbins

Docket No.: NANO-01000US0 Docket No.: NANO
REPLACEMENT SHEET

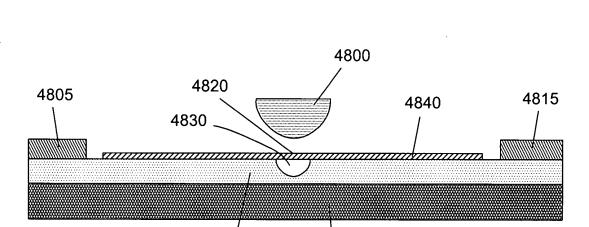


Figure 48

4870

Tip in a Probe Data Storage System **Application No.:** 09/465,592

Attorney: Michael Robbins Docket No.: NANO-01000US0

Inventors: Culver et al.
Filing date: Dec. 1 Dec. 17, 1999

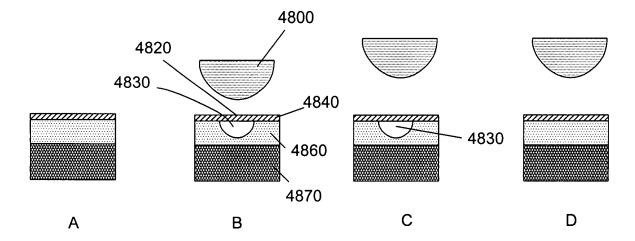


Figure 49

Tip in a Probe Data Storage System

Application No.: 09/465,592

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Filing date: Dec. 17, 1999 NANO-01000US0

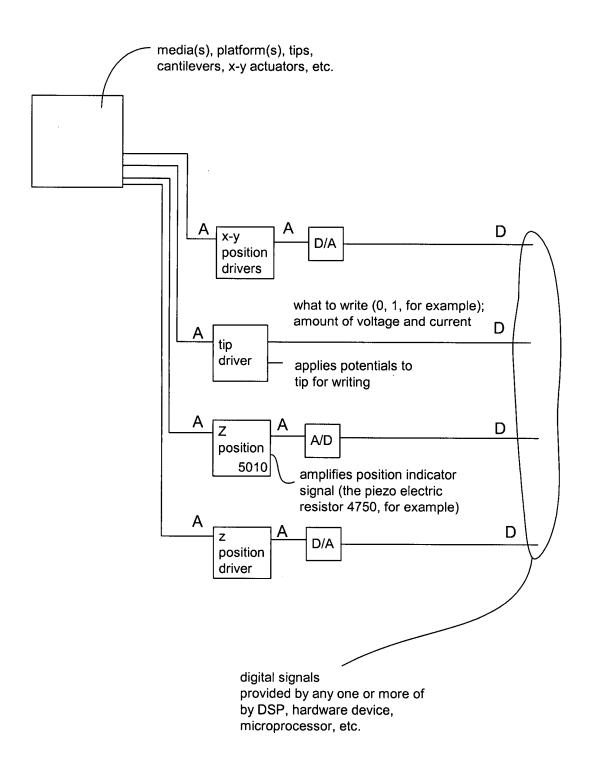


Figure 50